

Patent claims

1. Pyromechanical securing element for mechanical connection of two components, wherein the securing element consists of a covering (1), in the head part (5) of which a pyrotechnic propellant charge (6) is arranged, which borders on an adapter (2) and a securing means or a stop for a first component is arranged on the rear part of the covering (1) and a second component can be pushed onto the covering (1) between the first component and the head part (5), wherein the covering (1), at its head part (5), has theoretical break notches running in longitudinal direction, which tear open the covering (1) in the head region when igniting the propellant charge (6) and let it bend around the adapter (2), as a result of which the first component is firmly connected to the second component, characterised in that,
 - in the adapter (2) is arranged a groove (3) rotating at least in sections on its outer periphery,
 - in that before anchoring the covering (1) with the adapter (2), a radially projecting collar (4) is arranged on the outer surface of the covering (1),
 - in that the groove (3) in the adapter (2) is aligned with the collar (4) of the covering (1) and
 - in that at least one part of the collar (4) is pressed into the groove (3) to anchor the covering (1) with the adapter (2).
2. Securing element according to claim 1, characterised in that the groove (3) in the adapter (2) and the collar (4) of the covering (1) are designed to be rotating on the particular outer periphery.
3. Securing element according to claim 1 or 2, characterised in that the outer surface of the covering (1) has an at least 3-surface shape after pressing in.
4. Securing element according to claim 3, characterised in that the covering (1) has a square shape with preferably bevelled corners after pressing in.
5. Securing element according to one of claims 1 to 4, characterised in that the covering (1) is produced from metal.

6. Securing element according to one of claims 1 to 5, characterised in that the adapter (2) is designed to be cylindrical.